



**Figure 3-9. Reverse phase HPLC purification of [<sup>3</sup>H]3-azioctanol labeled fragments from *S. aureus* V8 protease digest of  $\alpha$ V8-20.**

$\alpha$ V8-20 isolated from nAChRs labeled with 275  $\mu$ M [<sup>3</sup>H]3-azioctanol in the absence (●) or presence of 10  $\mu$ M  $\alpha$ BgTx (▼) or 2 mM carbamylcholine (○) was digested with V8 protease in solution. The digest was applied to a Brownlee Aquapore C4 column and fractionated by reverse-phase HPLC. Upper panel, <sup>3</sup>H release profiles (5% of each fraction). Inset, replot of <sup>3</sup>H to include peak of <sup>3</sup>H in fraction 33. Lower panel, fluorescence (·····) and absorbance profiles (—).